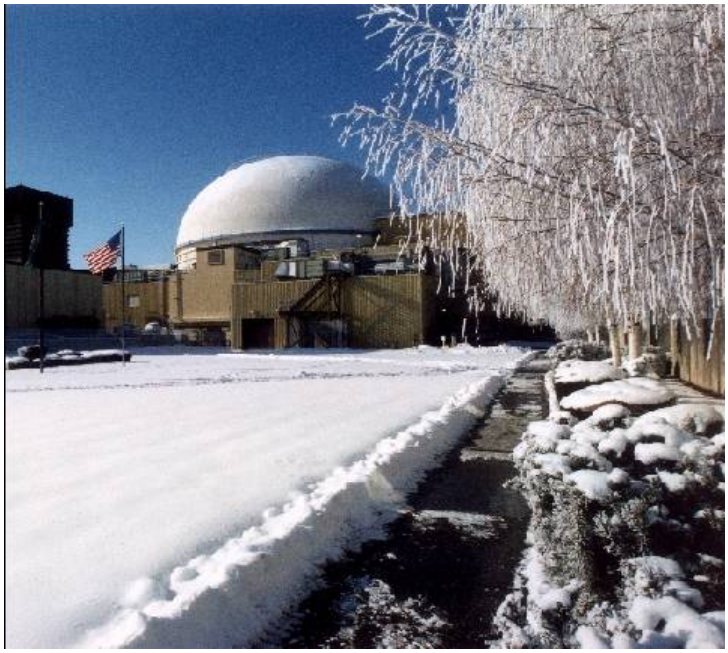
Fast Flux Test Facility (FFTF) Project (RL-0042)

S. V. Doebler, Senior Director of FFTF Closure / (509) 376-0604



The Fast Flux Text Facility

Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project.*

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2004.

Notable Accomplishments

Fuel Offload: Two Interim Storage Casks (ISCs) were shipped from FFTF to the 200-Area Interim Storage Area. This represents the second and third of nine ISCs that will be shipped during this campaign.

Primary Sodium Drain: Good progress continues on preparations for Phase 3 of primary sodium drain to complete draining of the reactor vessel. All parts required to assemble the reactor vessel drain pump were received, and assembly began in the Maintenance and Storage Facility. The vertical portion of the reactor vessel drain line was installed from ground level in the reactor containment building down into one of the main heat transport system cells. The conceptual design of all remaining equipment required to drill an access hole into the reactor inlet plenum was completed.

Fuel Storage Facility (FSF) Sodium Drain: Detailed planning has begun for draining sodium from the FSF. Two tanks removed from the Closed Loop Module will be used to build a system allowing a series of vacuum/pressure transfers from the FSF to the Sodium Storage Facility. Detailed design of the required equipment and preparation of the drain procedure are in progress.

Anticipated FY 2005 Funds ($M)

	FY 2005 Anticipated Funding w/Carryover
Nuclear Facility D&D, FFTF Project	$ 46.4

FY 2005 Schedule/Cost Performance ($M)

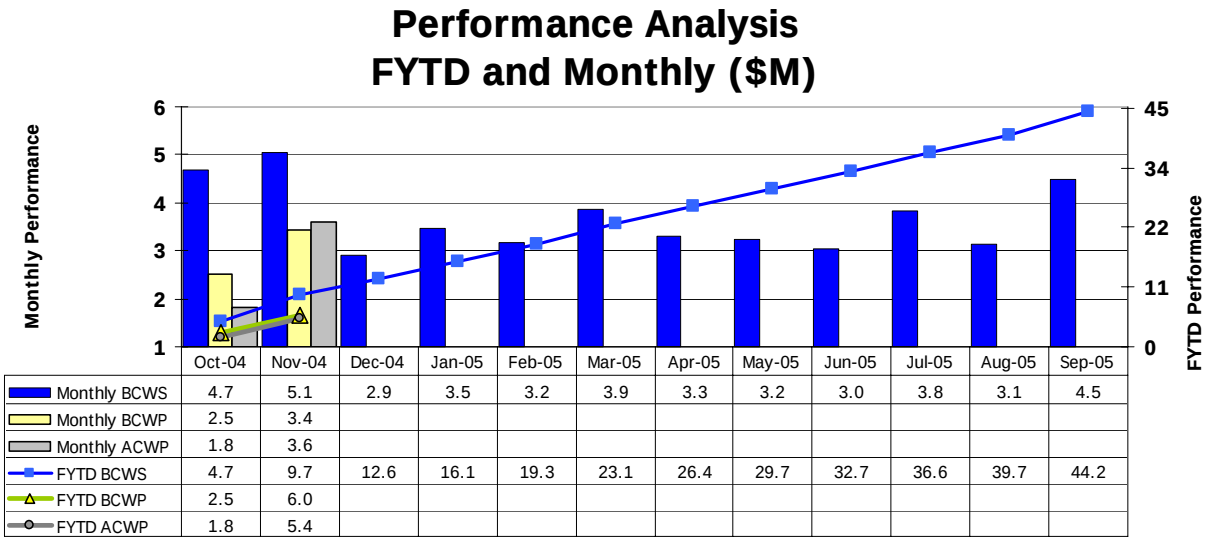
	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance $	Schedule Variance %	Cost Variance $	Cost Variance %	Budget At Completion
Nuclear Facility D&D, FFTF Project	$9.7	$6.0	$5.4	-$3.8	-38.8%	$0.6	9.3%	$44.2

Numbers are rounded to the nearest $M.

Schedule Performance (-$3.8M/-38.8%): The schedule variance is an artificial variance due to the ISC procurement being budgeted in October and November to clearly identify the timing of needed funds; the fabrication will actually occur from December until the end of the fiscal year.

Cost Performance (+$0.6M/+9.3%): The cost variance is due to deferral of Bonneville Power Administration electrical cost to December, and a missing accrual for primary drain pump parts.

FY 2005 Schedule/Cost Performance (Continued)



	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05
Monthly BCWS	4.7	5.1	2.9	3.5	3.2	3.9	3.3	3.2	3.0	3.8	3.1	4.5
Monthly BCWP	2.5	3.4										
Monthly ACWP	1.8	3.6										
FYTD BCWS	4.7	9.7	12.6	16.1	19.3	23.1	26.4	29.7	32.7	36.6	39.7	44.2
FYTD BCWP	2.5	6.0										
FYTD ACWP	1.8	5.4										

Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comments
RL42-1a3	Complete loading and transferring ten additional ISCs	PI	3/31/05		3/31/05	On Schedule